

**REMARKS/ARGUMENTS**

Claims 1-26 are currently pending in this application

**Allowable Subject Matter**

The Examiner is thanked for indicating that claim 25 contains allowable subject matter.

**Claim Objections**

The Examiner objected to claims 8-12, 14, 16-19 and 21 as being dependent upon rejected claims. The Applicant respectfully submits that based on the arguments below all rejected claims are allowable over the cited prior art. The withdrawal of the objection to the claims 8-12, 14, 16-19 and 21 is respectfully requested.

**Claim Rejections - 35 USC §102**

Claims 1-7, 13, 15, 20, 22-24 and 26 stand rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 6,735,426 by Pau.

Regarding claim 1, the Examiner has rejected claim 1 in view of figure 1, suggesting that Pau teaches a radio communication device including a first radio integrated circuit (IC) and a second radio IC, “wherein the first radio IC generates

and uses a local oscillator signal for radio transmission and/or reception operation“. Applicant respectfully submits Pau does not teach or suggest a first radio IC that generates and uses a local oscillator signal. In fact, the local oscillator of Pau is located external to the only conceivable first IC and second IC in Figure 1 of Pau. Further, the local oscillator signal in Pau drives a phase splitter circuit which provides quadrature versions of the local oscillator signal to the only conceivable first and second ICs. (col. 3 line 67 to col. 4 line 5). Therefore, the local oscillator signal of Pau is not generated and used by the first radio IC but is generated separately, then sent thru a phase splitter, then sent to the transmitters / receivers. (col. 3 line 63 to col. 4 line 5).

Accordingly, Pau does not teach each and every element of independent claim 1, and claim 1 is allowable over the cited prior art. Claims 2-6 depend on claim 1 and the Applicant believe these claims are allowable for the same reasons provided above. Accordingly, withdrawal of the 102(b) rejection of claims 1-7 is respectfully requested.

Regarding claim 13, the Examiner states claim 13 is rejected for the same reason set forth in the rejection of claim 1. Claims 15, 20 and 22 are dependent upon claim 13, which the Applicant believes is allowable over the cited prior art of record for the same reasons provided above. Based on the arguments presented

above, withdrawal of the 102(b) rejection of claims 13, 15, 20 and 22 is respectfully requested.

Regarding claim 23 and 24, the Examiner states claim 23 and 24 are rejected for the same reason set forth in the rejection of claim 13.

Based on the arguments presented above, withdrawal of the 102(b) rejection of claims 23 and 24 is respectfully requested.

Regarding claim 26, the Examiner states that claim 26 is rejected for the same reason set forth in the rejection of claim 1 and further that Pau teaches phase and frequency co-herency between a first and second IC. Applicant respectfully disagrees.

In Pau, the local oscillator signal is not generated by the first IC and sent to the second IC, but is generated outside the transmitters and receivers and sent to both the first and second ICs. In Figure-1 of Pau, there are a set of dedicated transmitters and a set of dedicated receivers which receive a local oscillator signal which is generated outside the transmitters and receivers. Therefore, Pau does not teach phase and frequency coherence by a first IC generating and using a local oscillator signal that is electrically coupled to the second IC for use in simultaneous transmitting or receiving.

Based on the arguments presented above, withdrawal of the 102(b) rejection of claim 26 is respectfully requested.

**Applicant:** Cavin  
**Application No.:** 10/707,312

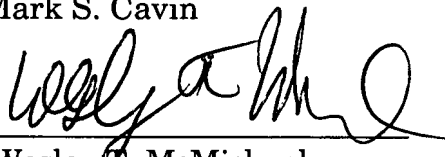
**Conclusion**

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

In view of the foregoing remarks, Applicants respectfully submit that the present application, including claims 1-26 are in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Mark S. Cavin

By   
Wesley T. McMichael  
Registration No. 56,982

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103  
Telephone: (215) 568-6400  
Facsimile: (215) 568-6499

WTM/JPB